

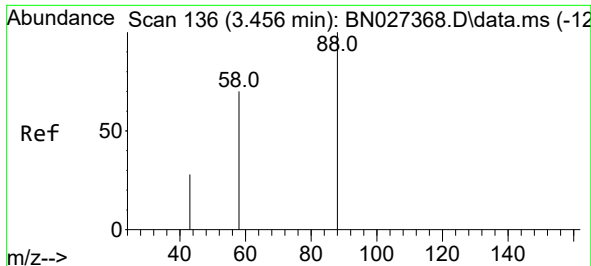
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090523\
 Data File : BN027371.D
 Acq On : 05 Sep 2023 12:23
 Operator : MA/JU
 Sample : PB155075BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 SLCS075

Quant Time: Sep 06 00:41:32 2023
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 02 06:16:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.059	152	3304	0.400	ng/ul	0.00
4) Naphthalene-d8	10.883	136	10573	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.689	164	5850	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.443	188	13507	0.400	ng/ul	0.00
17) Chrysene-d12	21.618	240	11143	0.400	ng/ul	0.00
23) Perylene-d12	24.144	264	8792	0.400	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.418	96	3469	0.789	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.456	152	6503	0.405	ng/ul	0.00
18) Fluoranthene-d10	19.460	212	16593	0.435	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.452	88	7951	1.788	ng/ul#	86
5) Naphthalene	10.933	128	11249	0.367	ng/ul	99
7) 2-Methylnaphthalene	12.533	142	6725	0.351	ng/ul	100
8) 1-Methylnaphthalene	12.748	142	7485	0.366	ng/ul	97
10) Acenaphthylene	14.421	152	9721	0.363	ng/ul	99
11) Acenaphthene	14.754	153	8423	0.366	ng/ul	99
12) Fluorene	15.744	166	9604	0.372	ng/ul	99
14) Pentachlorophenol	17.071	266	1846	0.701	ng/ul	100
15) Phenanthrene	17.485	178	16068	0.365	ng/ul	99
16) Anthracene	17.578	178	12567	0.359	ng/ul	99
19) Fluoranthene	19.492	202	18991	0.371	ng/ul	100
20) Pyrene	19.855	202	19546	0.375	ng/ul	99
21) Benzo(a)anthracene	21.601	228	14069	0.350	ng/ul	99
22) Chrysene	21.659	228	17123	0.365	ng/ul	100
24) Benzo(b)fluoranthene	23.360	252	15870	0.382	ng/ul	96
25) Benzo(k)fluoranthene	23.413	252	16127	0.397	ng/ul	96
26) Benzo(a)pyrene	24.033	252	11782	0.363	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.821	276	13265	0.368	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.858	278	9755	0.354	ng/ul	94
29) Benzo(g,h,i)perylene	27.642	276	13149	0.404	ng/ul	97

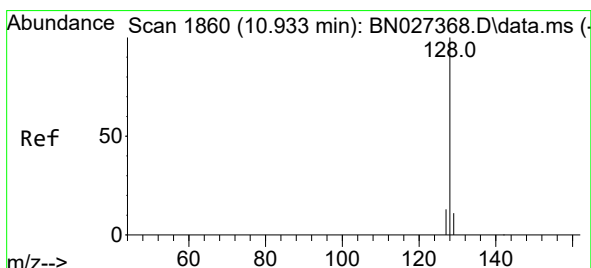
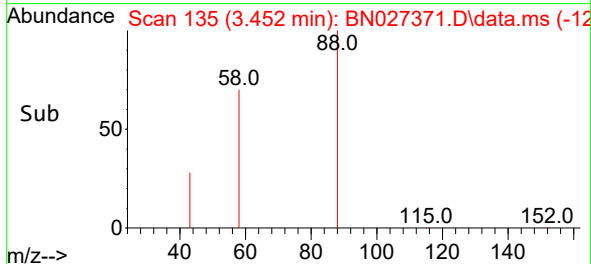
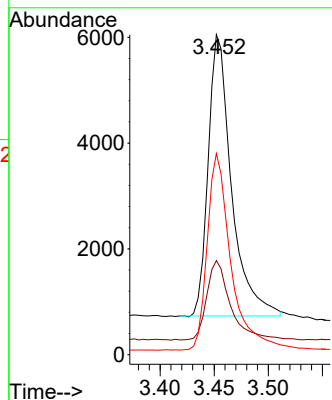
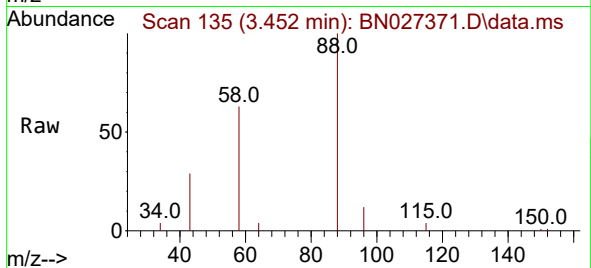
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2
1,4-Dioxane
Concen: 1.788 ng/ul
RT: 3.452 min Scan# 11
Delta R.T. -0.004 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

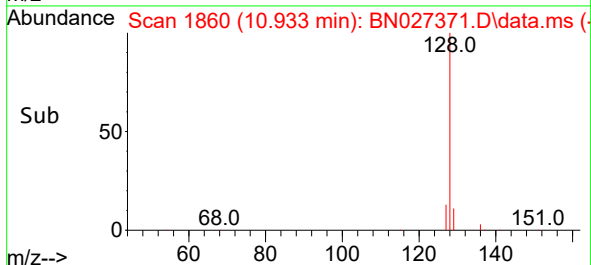
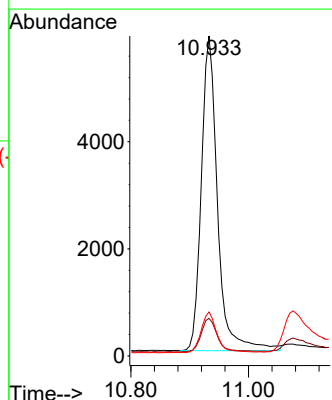
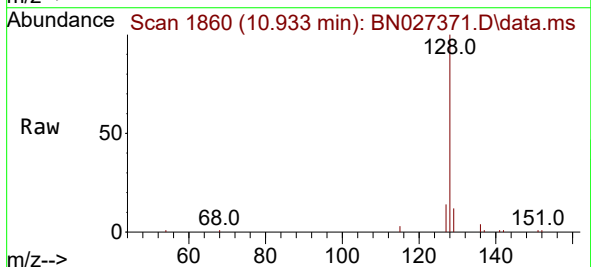
Instrument :
BNA_N
ClientSampleId :
SLCS075

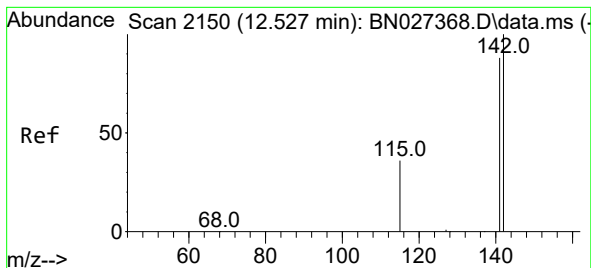
Tgt Ion: 88 Resp: 7951
Ion Ratio Lower Upper
88 100
43 29.4 26.8 40.2
58 62.9 39.9 59.9#



#5
Naphthalene
Concen: 0.367 ng/ul
RT: 10.933 min Scan# 1860
Delta R.T. -0.000 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

Tgt Ion: 128 Resp: 11249
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 13.8 10.6 16.0

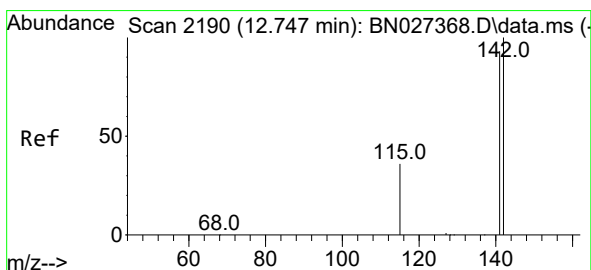
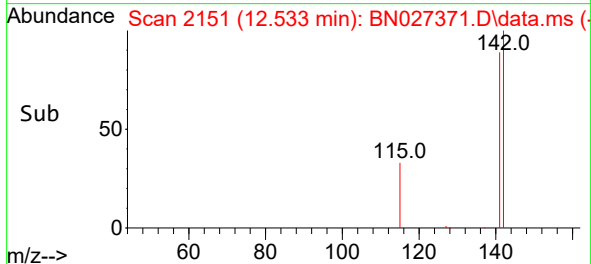
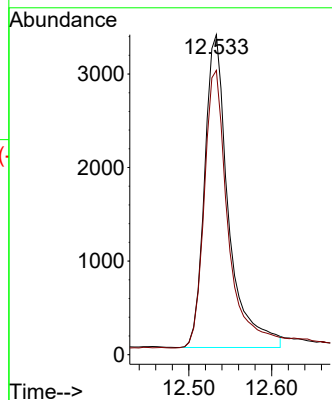
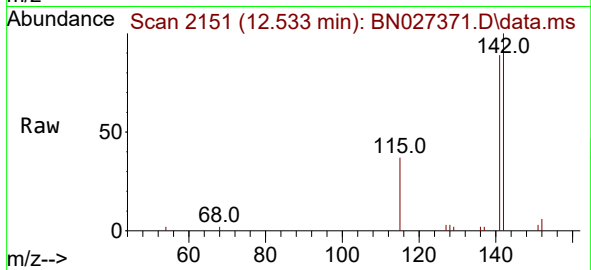




#7
2-Methylnaphthalene
Concen: 0.351 ng/ul
RT: 12.533 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

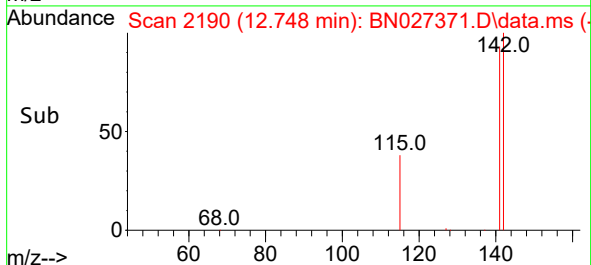
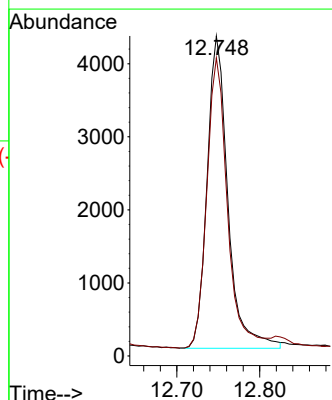
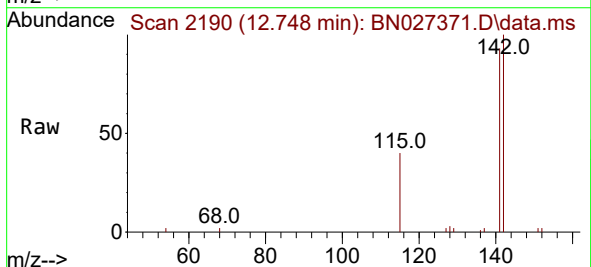
Instrument :
BNA_N
ClientSampleId :
SLCS075

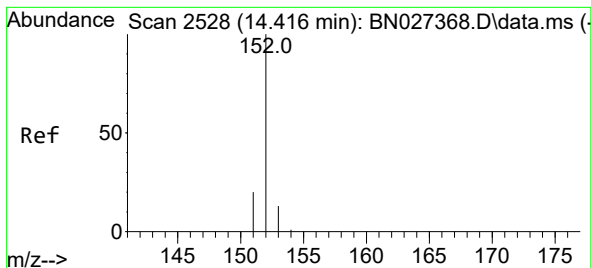
Tgt Ion:142 Resp: 6725
Ion Ratio Lower Upper
142 100
141 89.3 71.6 107.4



#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.748 min Scan# 2190
Delta R.T. -0.000 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

Tgt Ion:142 Resp: 7485
Ion Ratio Lower Upper
142 100
141 94.0 73.0 109.4





#10

Acenaphthylene

Concen: 0.363 ng/ul

RT: 14.421 min Scan# 21

Delta R.T. -0.000 min

Lab File: BN027371.D

Acq: 05 Sep 2023 12:23

Instrument :

BNA_N

ClientSampleId :

SLCS075

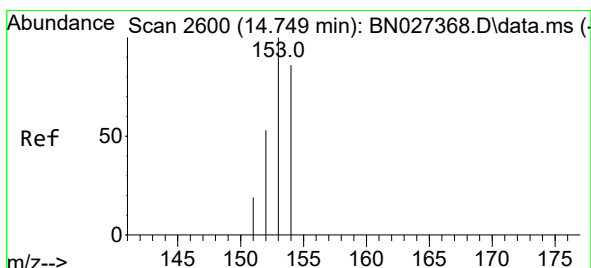
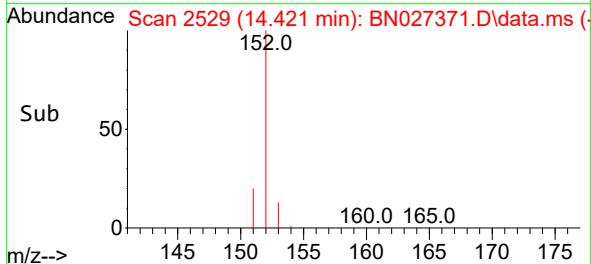
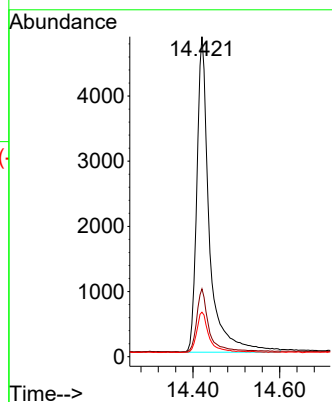
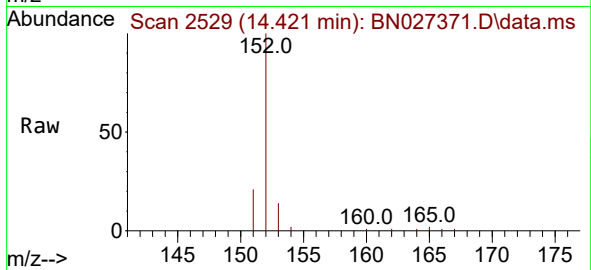
Tgt Ion:152 Resp: 9721

Ion Ratio Lower Upper

152 100

151 21.2 16.3 24.5

153 13.9 11.1 16.7



#11

Acenaphthene

Concen: 0.366 ng/ul

RT: 14.754 min Scan# 2601

Delta R.T. 0.005 min

Lab File: BN027371.D

Acq: 05 Sep 2023 12:23

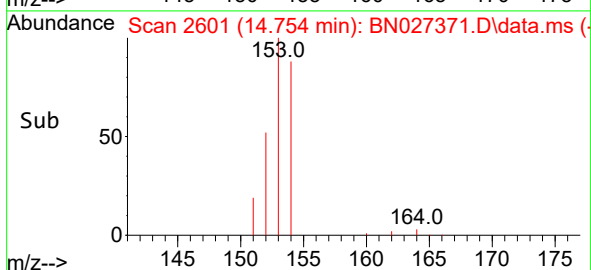
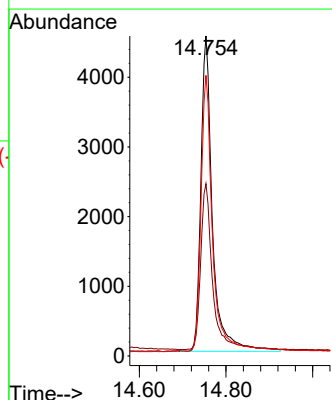
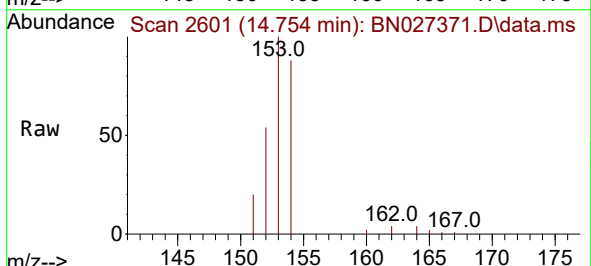
Tgt Ion:153 Resp: 8423

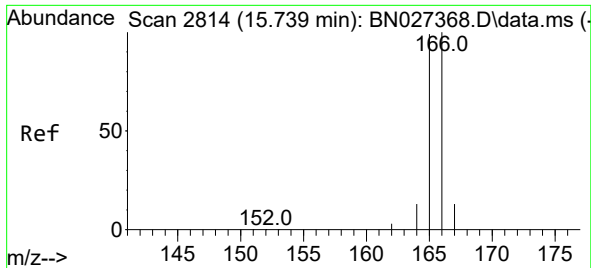
Ion Ratio Lower Upper

153 100

152 53.8 42.9 64.3

154 87.7 69.4 104.0

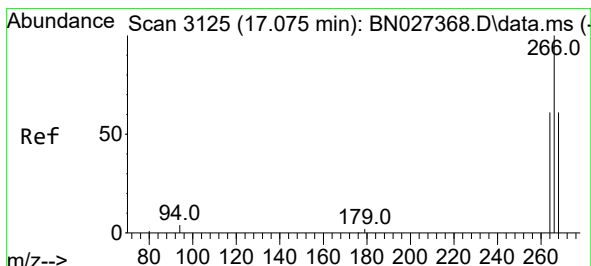
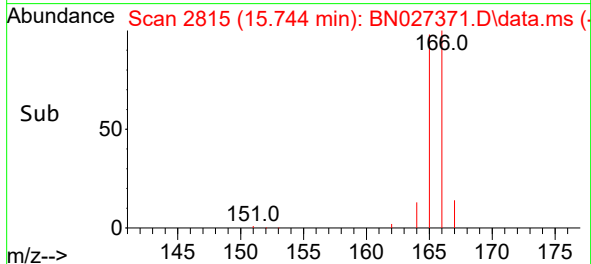
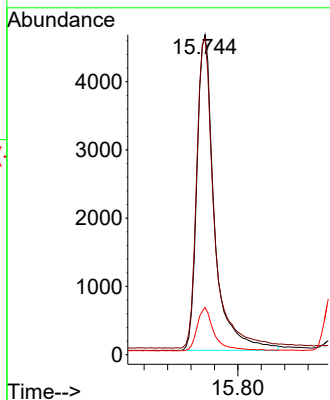
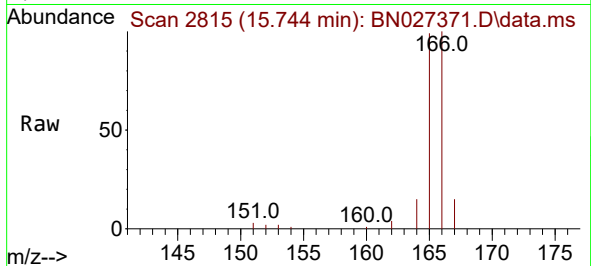




#12
 Fluorene
 Concen: 0.372 ng/ul
 RT: 15.744 min Scan# 2814
 Delta R.T. 0.005 min
 Lab File: BN027371.D
 Acq: 05 Sep 2023 12:23

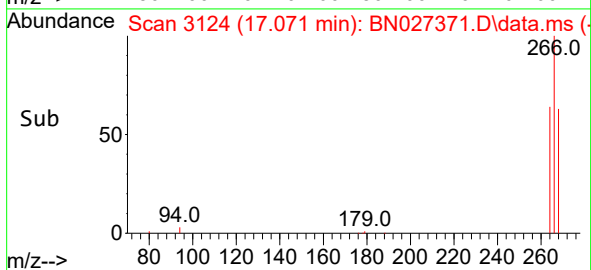
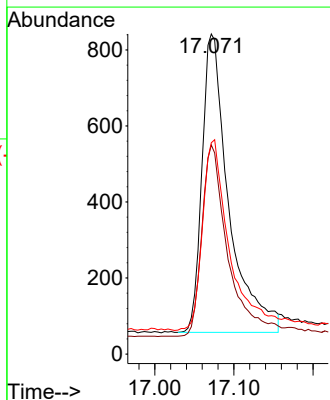
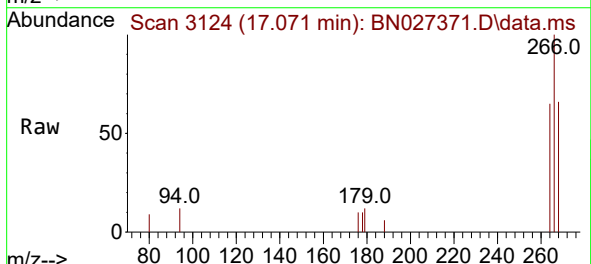
Instrument :
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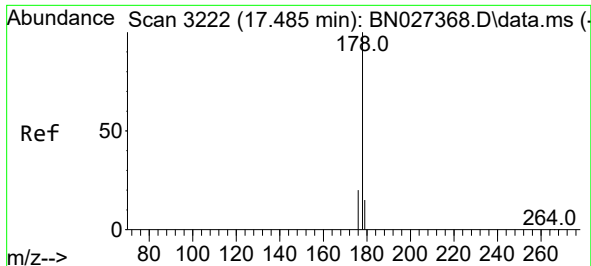
Tgt Ion:	166	Resp:	9604
Ion	Ratio	Lower	Upper
166	100		
165	98.8	79.6	119.4
167	14.7	11.4	17.0



#14
 Pentachlorophenol
 Concen: 0.701 ng/ul
 RT: 17.071 min Scan# 3124
 Delta R.T. 0.005 min
 Lab File: BN027371.D
 Acq: 05 Sep 2023 12:23

Tgt Ion:	266	Resp:	1846
Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.4	75.6
268	64.6	51.9	77.9

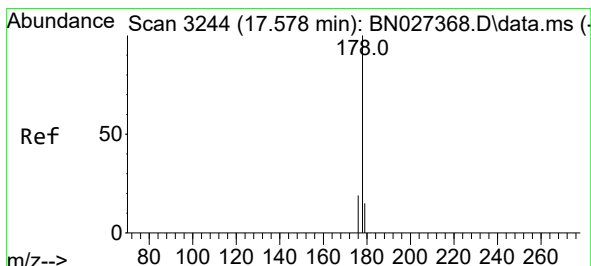
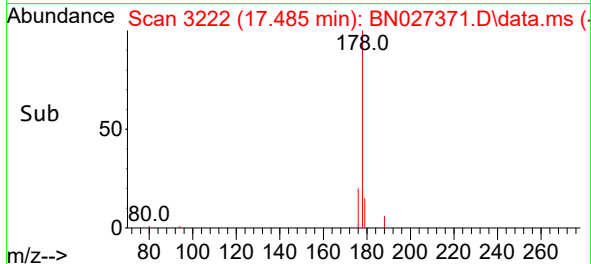
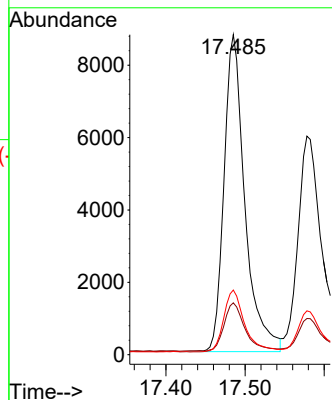
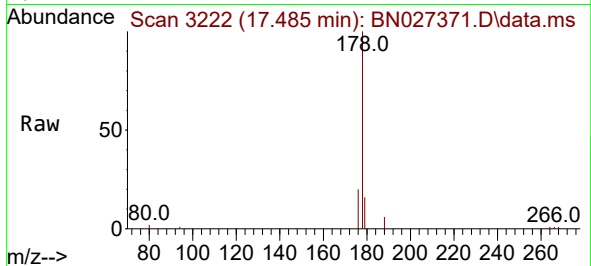




#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 17.485 min Scan# 31
Delta R.T. 0.005 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

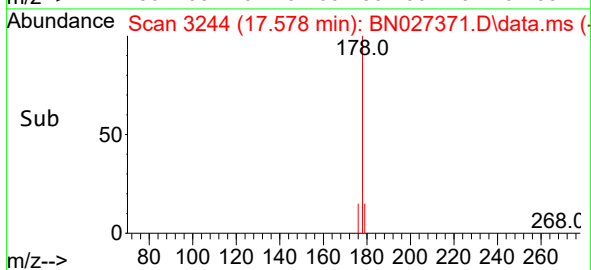
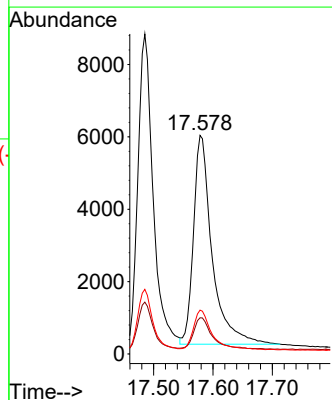
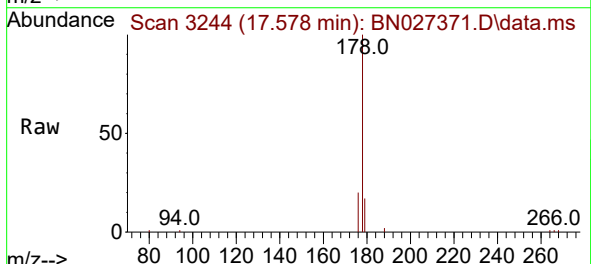
Instrument :
BNA_N
ClientSampleId :
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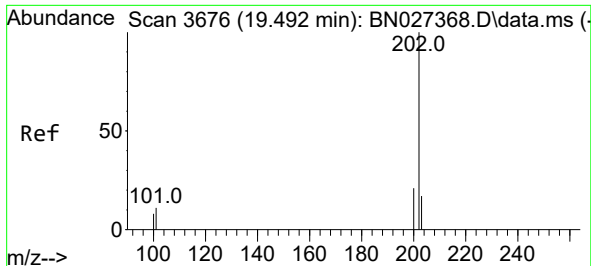
Tgt Ion:178 Resp: 16068
Ion Ratio Lower Upper
178 100
179 16.2 12.6 19.0
176 20.2 15.8 23.8



#16
Anthracene
Concen: 0.359 ng/ul
RT: 17.578 min Scan# 3244
Delta R.T. 0.005 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

Tgt Ion:178 Resp: 12567
Ion Ratio Lower Upper
178 100
179 16.6 13.0 19.6
176 20.1 15.6 23.4

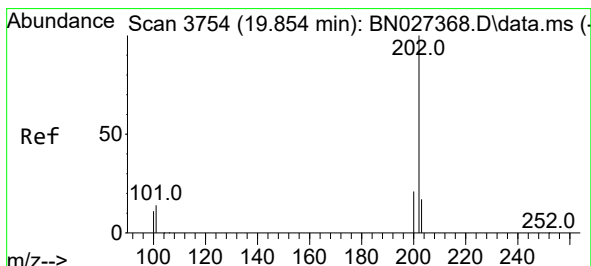
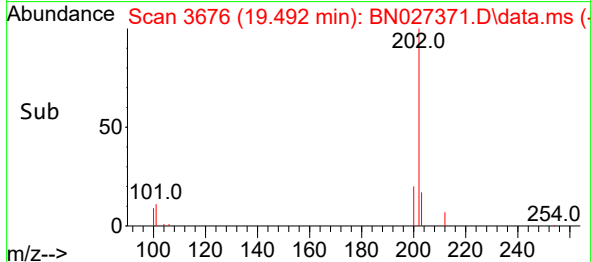
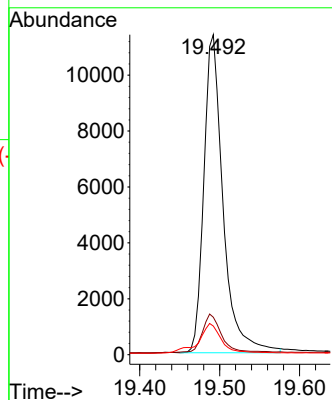
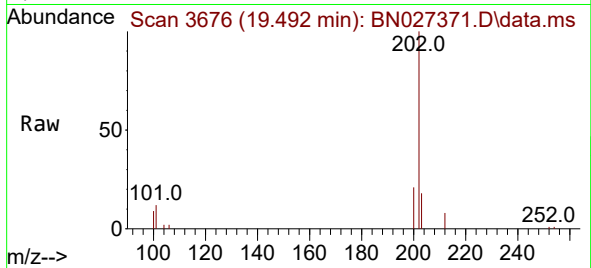




#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 19.492 min Scan# 3676
Delta R.T. 0.005 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

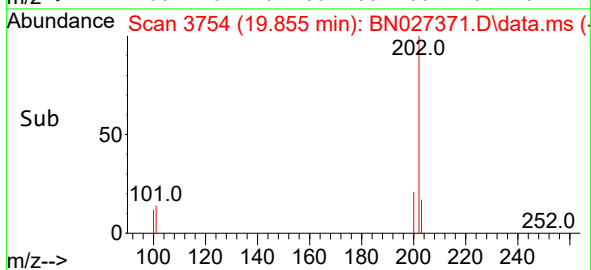
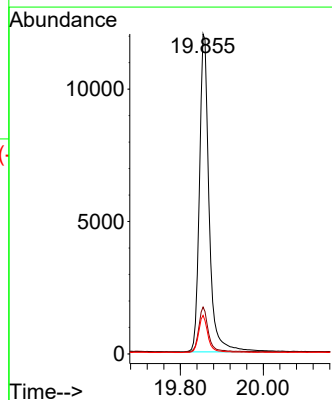
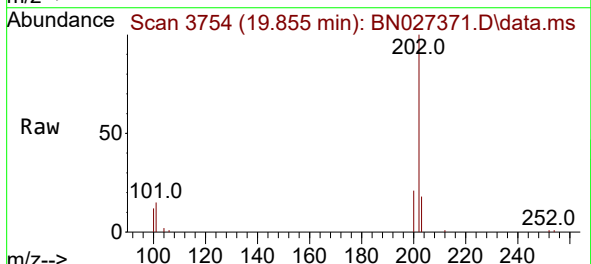
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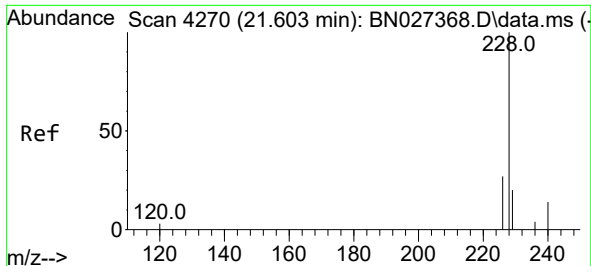
Tgt Ion:202 Resp: 18991
Ion Ratio Lower Upper
202 100
101 11.7 9.4 14.0
100 9.0 6.9 10.3



#20
Pyrene
Concen: 0.375 ng/ul
RT: 19.855 min Scan# 3754
Delta R.T. 0.005 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

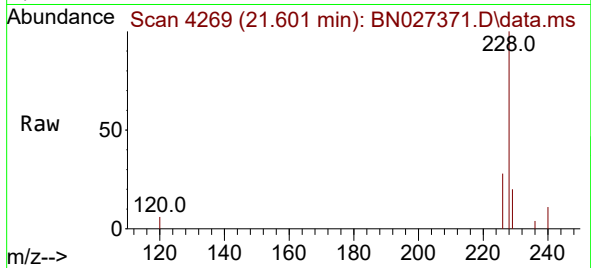
Tgt Ion:202 Resp: 19546
Ion Ratio Lower Upper
202 100
101 14.7 11.4 17.2
100 12.0 9.4 14.2



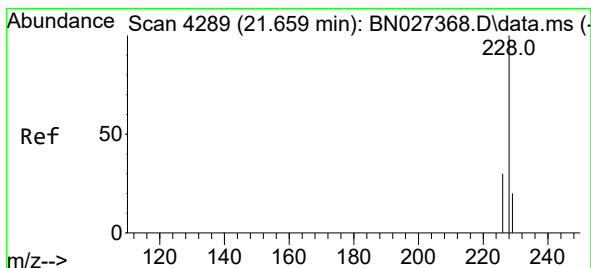
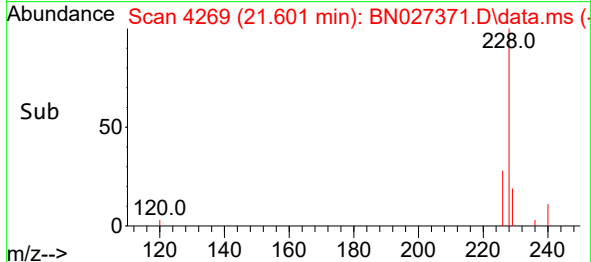
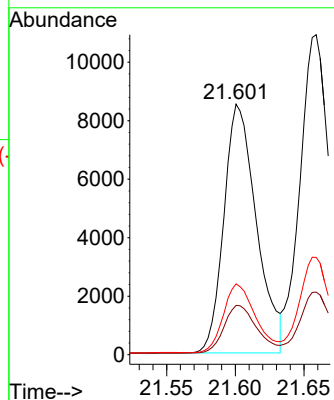


#21
Benzo(a)anthracene
Concen: 0.350 ng/ul
RT: 21.601 min Scan# 4270
Delta R.T. 0.009 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

Instrument :
BNA_N
ClientSampleId :
SLCS075

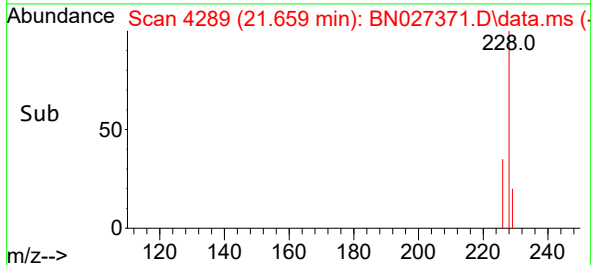
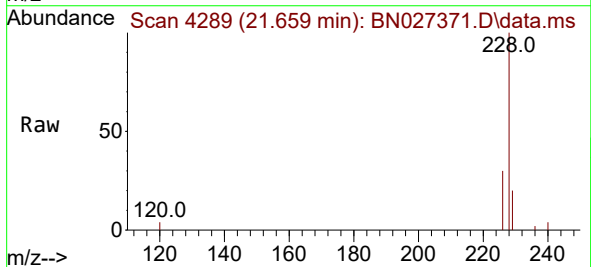
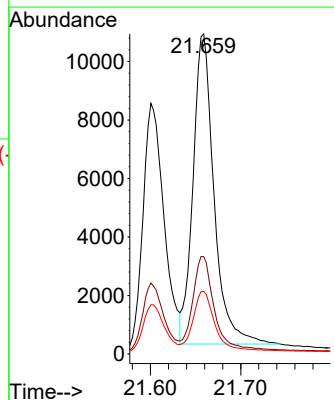


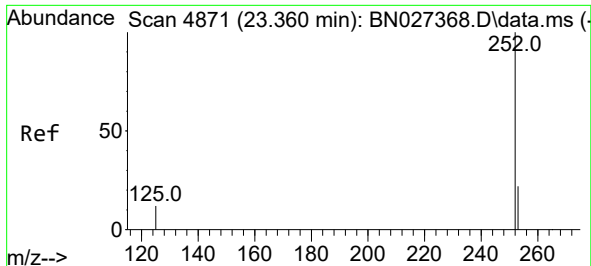
Tgt Ion:228 Resp: 14069
Ion Ratio Lower Upper
228 100
229 19.7 15.7 23.5
226 28.3 22.0 33.0



#22
Chrysene
Concen: 0.365 ng/ul
RT: 21.659 min Scan# 4289
Delta R.T. 0.012 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

Tgt Ion:228 Resp: 17123
Ion Ratio Lower Upper
228 100
226 30.4 24.4 36.6
229 19.6 15.6 23.4

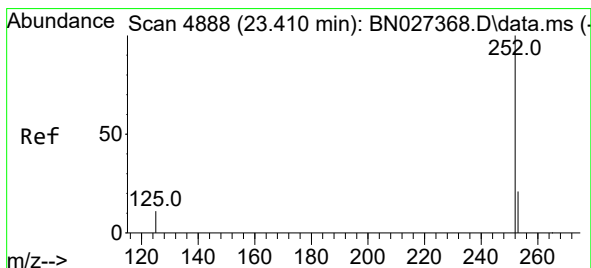
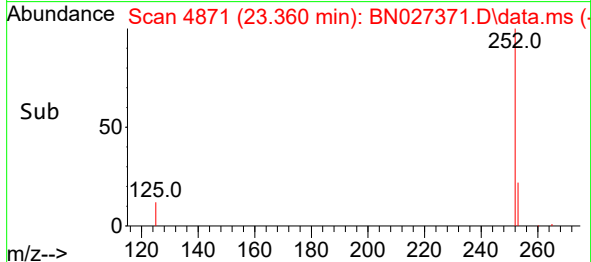
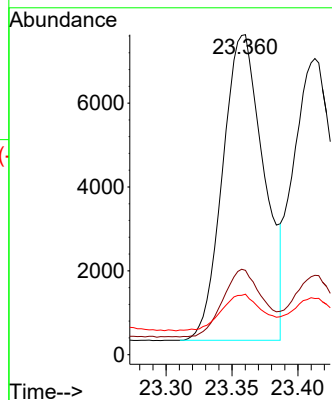
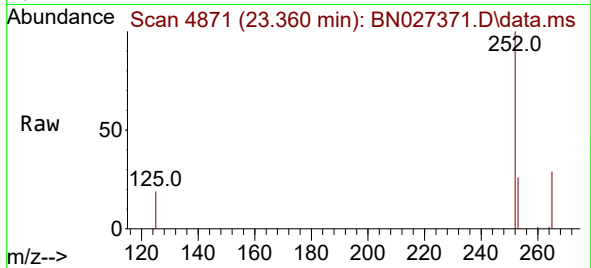




#24
Benzo(b)fluoranthene
Concen: 0.382 ng/ul
RT: 23.360 min Scan# 4871
Delta R.T. 0.015 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

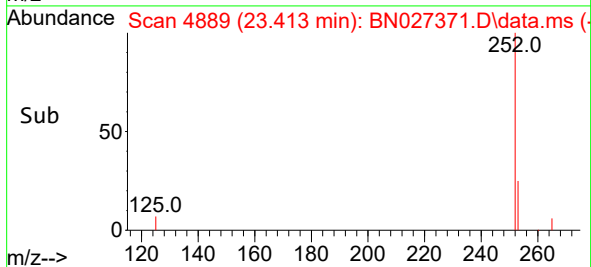
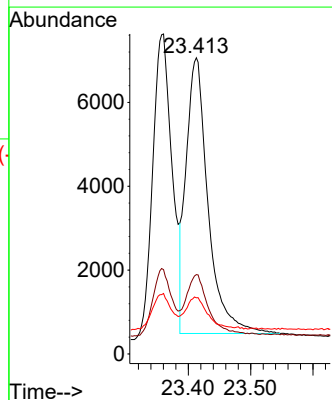
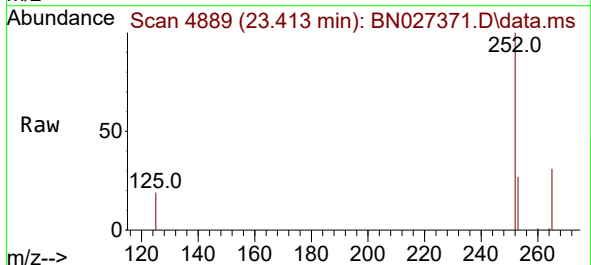
Instrument :
BNA_N
ClientSampleId :
SLCS075

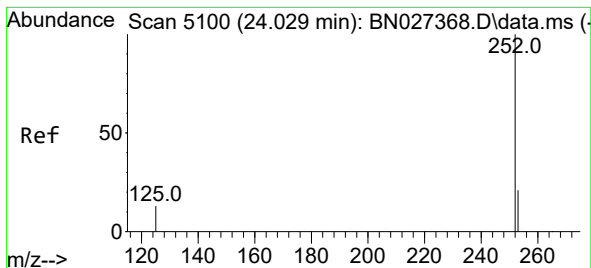
Tgt Ion:252 Resp: 15870
Ion Ratio Lower Upper
252 100
253 26.4 0.0 49.6
125 18.9 0.0 33.8



#25
Benzo(k)fluoranthene
Concen: 0.397 ng/ul
RT: 23.413 min Scan# 4889
Delta R.T. 0.015 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

Tgt Ion:252 Resp: 16127
Ion Ratio Lower Upper
252 100
253 26.8 19.9 29.9
125 19.0 13.6 20.4





#26

Benzo(a)pyrene

Concen: 0.363 ng/ul

RT: 24.033 min Scan# 5100

Delta R.T. 0.015 min

Lab File: BN027371.D

Acq: 05 Sep 2023 12:23

Instrument :

BNA_N

ClientSampleId :

SLCS075

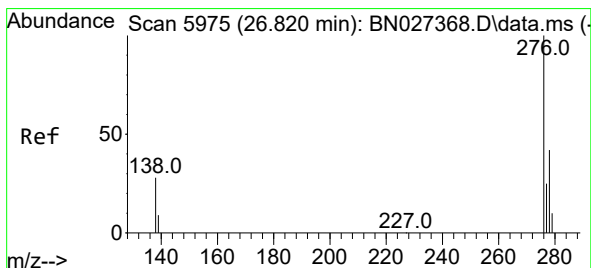
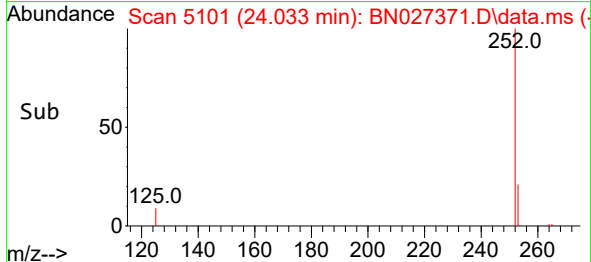
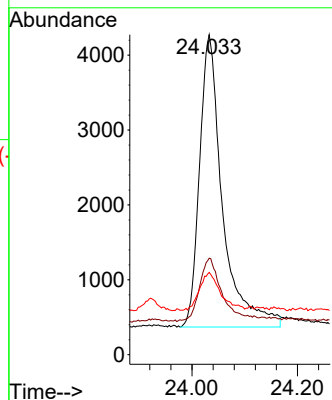
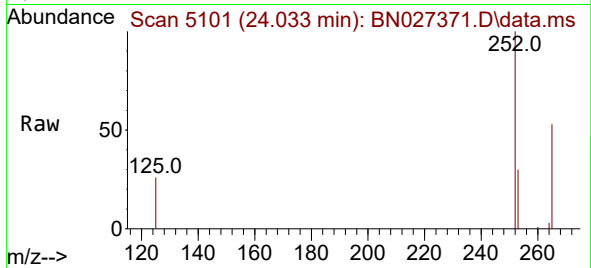
Tgt Ion:252 Resp: 11782

Ion Ratio Lower Upper

252 100

253 30.2 22.4 33.6

125 25.7 17.4 26.2



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.368 ng/ul

RT: 26.821 min Scan# 5975

Delta R.T. 0.020 min

Lab File: BN027371.D

Acq: 05 Sep 2023 12:23

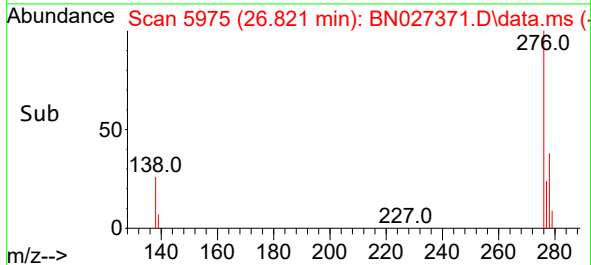
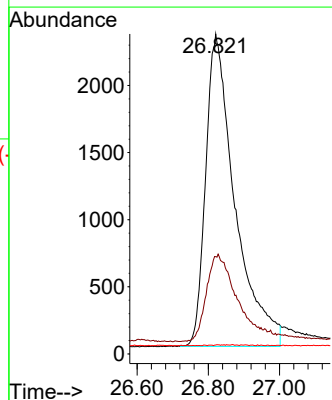
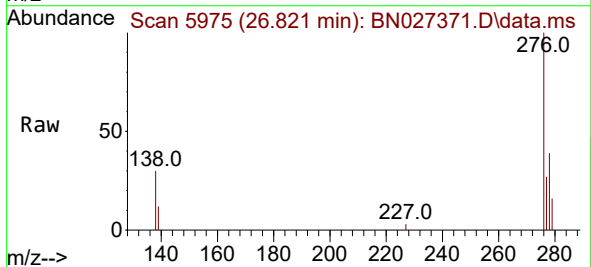
Tgt Ion:276 Resp: 13265

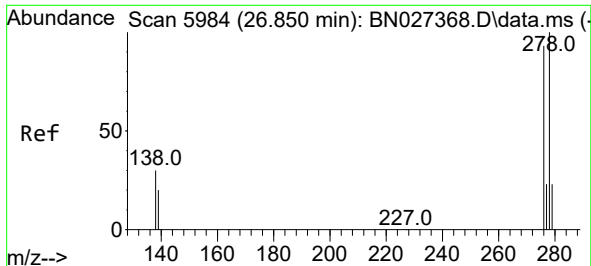
Ion Ratio Lower Upper

276 100

138 30.1 23.9 35.9

227 0.0 0.1 0.1#

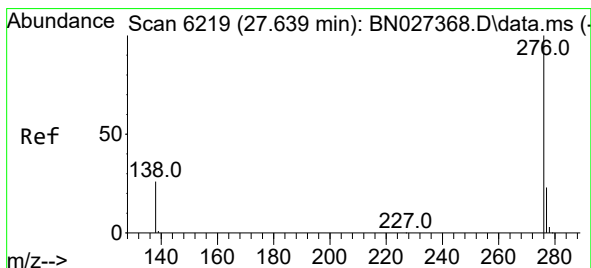
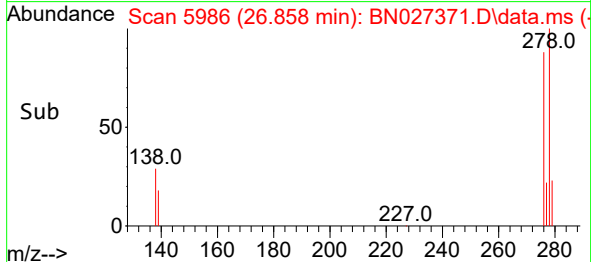
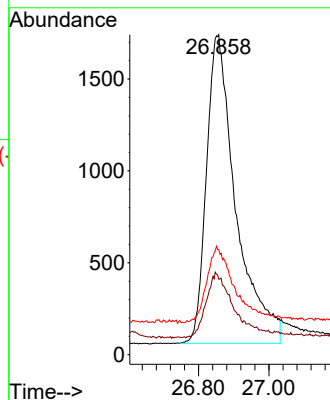
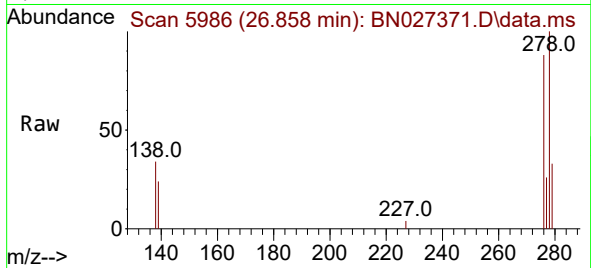




#28
Dibenzo(a,h)anthracene
Concen: 0.354 ng/ul
RT: 26.858 min Scan# 5984
Delta R.T. 0.024 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

Instrument :
BNA_N
ClientSampleId :
SLCS075

Tgt Ion:278 Resp: 9755
Ion Ratio Lower Upper
278 100
139 23.6 18.0 27.0
279 32.9 22.7 34.1



#29
Benzo(g,h,i)perylene
Concen: 0.404 ng/ul
RT: 27.642 min Scan# 6220
Delta R.T. 0.014 min
Lab File: BN027371.D
Acq: 05 Sep 2023 12:23

Tgt Ion:276 Resp: 13149
Ion Ratio Lower Upper
276 100
138 29.2 22.1 33.1
277 26.5 20.2 30.4

